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## Case Studies

(See related pages)

Three additional case studies have been provided to support teaching with the Second Edition of Object-Oriented Systems Analysis and Design Using UML by Simon Bennett, Ray Farmer and Steve McRobb. These case studies are copyright to the authors. They may be used for teaching purposes. We suggest that they are not suitable for use for assignments or exams that contribute to students' subject grades, as there is no guarantee that solutions will not become available on university and college websites.

The three case studies all provide background to the requirements for a particular kind of system. They can all be used as the basis of the full life cycle, however, each emphasizes particular aspects of system development.

System	Area of emphasis	Download File
Barchester City Council Car Park System	Soft real-time requirements. Identifying use cases. Modelling interaction in collaboration or sequence diagrams. Modelling state of business objects. Distributed processing. Component and deployment diagrams.	 <a href="#">Word (34.0K)</a>  <a href="#">PDF (20.0K)</a>
Technology Research Access Control System	Hard real-time requirements. Modelling interaction in collaboration and sequence diagrams.	 <a href="#">Word (54.0K)</a>  <a href="#">PDF (30.0K)</a>
European Ornithological Trust Survey System	Fact finding. Identifying use cases. Prototyping. Human-computer interaction. Modelling state of user interface and control objects.	 <a href="#">Word (152.0K)</a>  <a href="#">PDF (114.0K)</a>
Vertical Storage Solutions		 <a href="#">Word (117.0K)</a>  <a href="#">PDF (116.0K)</a>

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